BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2015-16/RD/WORK_INDENT18386/CALL-2

APPROVED SCHEDULE - B

EE/BTP/BBMP/E-PMT/03/2015-16, Date: 22.01.2016

Improvements to roads and Drains of Somanna Matta road in Chamundeswari Layout in ward no 10 (Doddabommasandra), Vidyaranyapura Sub Division.

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of N M SHIVAKUMAR		
				In Figures		In Words
1	266	Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications and directions of engineer in charge of the work	Cum	83.0	22078.00	Rupees Eighty Three Only
2	21	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work	Cum	4000.0	84000.00	Rupees Four Thousand Only
3	44.1	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal, coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3lts confirming to IS 9103-1999 reaffirmed-2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, etc complete as per specifications and directions of engineer in charge of the work	Cum	5801.0	255824.10	Rupees Five Thousand Eight Hundred One Only
4	2.65	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 TMT Bars FE 500 etc complete as per specifications and directions of engineer in charge of the work	Tonne	69805.0	184983.25	Rupees Sixty Nine Thousand Eight Hundred Five Only
5	336	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work	Sqm	306.0	102816.00	Rupees Three Hundred Six Only
6	126	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete7.5 cms thick etc complete as per specifications and directions of engineer in charge of the work	Sqm	668.5	84231.00	Rupees Six Hundred Sixty Eight and Fifty Paise Only
7	700	Providing chamfering edges to stone slab 2.5cms. wide as per specifications. (only chamfered length shall be recorded) etc complete as per specifications and directions of engineer in charge of the work	m	35.0	24500.00	Rupees Thirty Five Only

Executive Engineer.
Byatarayanapura Division
Yelahanka Zone, B.B.M.P.
Bangalore - 560 092
23/3/16

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of N M SHIVAKUMAR		
				In Figures		In Words
8	126	Providing two line dressing to granite stone slab / granite stone masonry as per specifications etc complete as per specifications and directions of engineer in charge of the work	Sqm	924.0	116424.00	Rupees Nine Hundred Twenty Four Only
9	126	Construction of embankment with approved material gravel/murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement table 300-2 complete as per specifications. (which includes cost of gravel/murrum, watering charges & compaction by vibratory roller) etc complete as per specifications and directions of engineer in charge of the work	Cum	311.0	39186.00	Rupees Three Hundred Eleven Only
10	168	Providing, laying spreading and compacting graded stones aggregate to wet mix macadam specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density etc complete as per specifications and directions of engineer in charge of the work	Cum	1714.0	287952.00	Rupees One Thousand Seven Hundred Fourteen Only
11	840	Cleaning the existing WBM road surface including removing of binding materials and other foreign matter with wire brushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and / or compressed air, to receive bituminous treatment including cost of all materials, labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work	Sqm	12.0	10080.00	Rupees Twelve Only
12	840	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WBM, WMM including cleaning of road surface and spraying primer at the rate of 0.60 Kg / sqm using mechnical means etc complete as per specifications and directions of engineer in charge of the work	Sqm	32.0	26880.00	Rupees Thirty Two Only
13	21	Providing and laying semi dense bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 500.8 complete in all respects as per specifications. with 100-120 TPH capacityH.M.P with sensor paver Gr-II (25 mm to 30 mm) with 5 % VG-30 Bitumen etc complete as per specifications and directions of engineer in charge of the work	Cum	8469.0	177849.00	Rupees Eight Thousand Four Hundred Sixty Nine Only
14	266	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 11.90 Km etc complete as per specifications and directions of engineer in charge of the work	Cum	106.0	28196.00	Rupees One Hundred Six Only
		Total			**1444999.35**	

Signature of the Contractor

Executive Engineer
Byarayanapura Division
BBMP, Bangalore - 92

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